

In-Class Worksheet 7: PDAs

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October 28, 2014

Write down pushdown automata for the following languages

- $\{ w \mid w \text{ ends with 3 1s or starts with 3 0s} \}$
- $\{ w \mid w \text{ has twice as many 1s as 0s} \}$
- $\{ 0^n 1^m 2^k \mid m \text{ is greater than } n \text{ or } k \}$
- $\{ w \mid w \text{ is an even length palindrome} \}$